



16152 U.S. PTO

031431 U.S. PTO  
10/756745



**TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.**  
526 Superior Avenue, Suite 1111  
Cleveland, Ohio 44114

Phone: (216) 621-2234  
Facsimile: (216) 621-4072

**PATENT**

Attorney Docket No. TRW(TE)6857

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of Inventor(s): **Xing Ping Lin**

For (title): **TIRE PARAMETER SENSING SYSTEM HAVING ALTERNATING  
FREQUENCY TRANSMISSION AND TWO CHANNEL RECEPTION AND  
ASSOCIATED METHOD**

Enclosed are:

1. **Papers Required for Filing Date Under 37 CFR 1.53(b):**

32 Pages of specification

1 Pages Abstract

8 Pages of claims

3 Sheets of drawing

formal (Figs. 1-6)

informal

In addition to the above papers there is also attached: **An Information Disclosure Stmt (2 pgs.); and  
PTO-Form 1449 (1 pg.)**

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date January 13, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EU-712715732US addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Anita J. Galo

(Type or print name of person mailing paper)



(Signature of person mailing paper)

2. **Declaration or oath:**

Enclosed (Executed)  
 Not Enclosed.

3. **Language:**

English  
 Non-English  
 A verified English translation of the  
     specification and claims  
     declaration

is attached.

4. **Assignment:**

An assignment of the invention to TRW Automotive U.S. LLC

---

is attached.  
 will follow

5. **Certified Copy:**

Certified copy (ies) of application (s)

---

(Country)	(Appln. No.)	(Filed)
-----------	--------------	---------

---

(Country)	(Appln. No.)	(Filed)
-----------	--------------	---------

---

(Country)	(Appln. No.)	(Filed)
-----------	--------------	---------

from which priority is claimed

is attached  
 will follow

16152  
011304  
U.S. PTO

6. **Fee Calculation:**

(Small entity filing fee is 50% normal fee)

CLAIMS AS FILED				
Number Filed		Number Extra	Rate	Basic Fee
				\$ 770.00
Total Claims	18	-20 =	0 X \$ 18.00	0.00
Independent Claims	2	- 3 =	0 X \$ 86.00	0.00
Multiple dependent claim(s), if any			0 + \$290.00	0.00

- Amendment canceling extra claims enclosed
- Amendment deleting multiple dependencies enclosed
- Fee for extra claims is not being paid at this time

Filing Fee Calculation

\$770.00

7. **Small Entity Statement**

- The present application is being filed by or on behalf of a **small entity** as defined in 37 CFR 1.9 and 1.27 for purposes of paying reduced fees.

8. **Fee Payment Being Made At This Time:**

Enclosed:

- basic filing fee \$770.00
- assignment recordal fee \$ 40.00
- for processing an application with a specification in a non-English language \$

Total fees enclosed

\$810.00

9. **Method of Payment Fees:**

- check in the amount of \$810 enclosed.
- The Commissioner is hereby authorized to charge any **DEFICIENCY** in the filing fees for this application to our Deposit Account No. 20-0090.

10. **Instructions As to Overpayment:**

- refund

TAROLLI, SUNDHEIM, COVELL,  
& TUMMINO L.L.P.  
526 SUPERIOR AVENUE, SUITE 1111  
CLEVELAND, OHIO 44114-1400  
Tel. No. (216) 621-2234  
Fax No. (216) 621-4072  
Customer No.: 26,294

*Barry L. Tummino*  
SIGNATURE OF ATTORNEY, REG. NO. 29,709

Barry L. Tummino  
Type or print name of attorney